

Docket No. 216535US2S/mka



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Jun HASEGAWA

SERIAL NO: 09/990,324

GAU: 2631

FILED: November 23, 2001

EXAMINER:

FOR: CODE SYNCHRONOUS TIMING DETERMINING METHOD UPON INFORMATION RECEPTION IN CDMA SYSTEM, DETERMINING APPARATUS, AND CDMA RECEIVING APPARATUS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references cited in the attached European Search Report listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. In accordance with discussions on August 4, 2004 with Mr. Nicholas P. Godici, Commissioner for Patents, it is no longer required to submit copies of cited pending applications. A modification of the Rules will be published soon in the Official Gazette. Cited issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

216535US2S

SERIAL NO.

09/990,324

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Jun HASEGAWA

FILING DATE

November 23, 2001

GROUP

2631

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|--------------------|------------|--------------|-------|--------------|-------------------------------|
| | AA | 5,644,591 | 07/01/1997 | T. R. SUTTON | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
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| | AK | | | | | | |
| | AL | | | | | | |
| | AM | | | | | | |
| | AN | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION | |
|--|----|--------------------|------------|---------|-------------|----|
| | | | | | YES | NO |
| | AO | 0 848 503 | 06/17/1998 | EUROPE | | |
| | AP | 0 932 263 | 07/28/1999 | EUROPE | | |
| | AQ | 0 820 156 | 01/21/1998 | EUROPE | | |
| | AR | | | | | |
| | AS | | | | | |
| | AT | | | | | |
| | AU | | | | | |
| | AV | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

| | | | | | | |
|--|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|------------------------------------------------------------------|
| | AW | V. TUUKKANEN, et al., IEEE 6 TH International Conference on Universal Personal Communications Record, pages 698-702, XP-010248798, "COMBINED INTERPOLATION AND MAXIMUM LIKELIHOOD SYMBOL TIMING RECOVERY IN DIGITAL RECEIVERS", October 12, 1997 | | | | |
| | AX | | | | | |
| | AY | | | | | |
| | AZ | | | | | <input type="checkbox"/> Additional References sheet(s) attached |

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.